Alle Melan, Jon To & gave adulting Scheie 9-19-69 plagguy program by D.W.B.

FILE NOTATIONS Checked by Chief Entered in NID File 6.76.69 Approval Letter Location Map Pinned Disapproval Letter Card Indexed COMPLETION DATA: Date Well Completed 9-20-69 Location Inspected Bond released OW.... TA.... State or Fee Land GW.... OS.... PA. Driller's Log. 10:7:69 LOGS FILED Electric Logs (No.) E..... I..... Dual I Lat..... GR-N..... Micro..... BHC Sonic GR..... Lat..... Mi-L.... Sonic..... Sub. Ret of aban donneret

1-5-90 fee

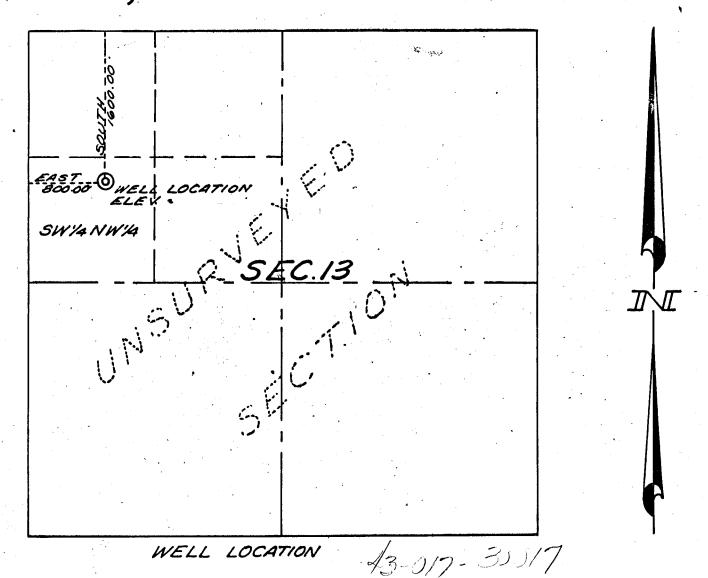
LUBMIT IN T LICATE*

Form approved. Budget Bureau No. 42-R1425.

UNITED STATES DEPARTMENT OF THE INTERIOR

	DEPARTMEN'	T OF THE		RIOR	blue)	E verbler		<u> </u>	
		GICAL SUR				F €	F (5	ON AND STRIAL NO	J.
4 DD/ 16 4 TIO)				TAL OR BLUC	DACK		U-7403	TER OF TRIBE NAM	
	N FOR PERMIT	10 DRILL,	DEEP	EN, OR PLUG	BACK		<u> </u>		
a. TYPE OF WORK	LL 🔼	DEEPEN		PLUG BA	ACK □	7. UNDT	AGREEMENT	NAME	
b. TYPE OF WELL		DELI SIN			•			9,43	
	AS OTHER			INGLE MULT	HPLE	S. VARM	OR LEASE N	VAME 2d	
. NAME OF OPERATOR					83		eral 🖁	5.6/11	
	ompany, Incorpo	orated				9. WELL		구 (P 4 년 건	
. ADDRESS OF OPERATOR		m			į	721		OS WIEDCAT	
2/00 Humble B	uilding, Housto	on, lexas	ith any S	Itata requirements *)		- 9 鱼点。	200	, OL WILDCAT	
	from West line				orian :		dcat =	R DLK	
13. T	=35-S, R-6-E, (Garfield Co	untv	North line, Se	ection *		SURVEY OR		
At proposed prode zon Same	eoo-0, 11-0-11, (Jaillold Ge	, and the same of	Otan	ان عليم	Sec 1	3	-S. R-6-E	21.
	AND DIRECTION FROM NEA	AREST TOWN OR PO	ST OFFIC	E *	in the second	12. COUN	TY OR PARIS	SH 13. STATE	
18 miles Nort	heast of Escala	ante. Utah			ģ	Garfi	e ld	Utah	
5. DISTANCE FROM PROPO	SED*	,	16. No	O. OF ACRES IN LEASE		OR ACRES A		S 25 42	
PROPERTY OR LEASE I	INE, FT.	800'		1280	TO T	160 E	5 7		
8. DISTANCE FROM PROP	OSED LOCATION*		19. PI	ROPOSED DEPTH	20. ROTA	RY OF CAB	LE TOOLS		
TO NEAREST WELL, D OR APPLIED FOR, ON TH		4500 *		1200	·	Rotar	y 🖟 🔞		
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),	Not Availab	le			T gon	apprev	af :	
3.		PROPOSED CAS	ING AN	CEMENTING PROG	RAM	rajed Gritis	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
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4-3/4"	2-3/8	4.7		1200		0 sks			_
					9 9	3 3			
					T 53			3 C	
rill 8-5/8* h	ole to approxim	nately 30',	set	7" casing and	cement	ful1 1	engbh.	Dri Il	
1-3/4" hole to	1,200' with ai	ir. If hol	e can	not be drilled	l with a	i r , wa	ter or	a light	
elled mud wil	1 be used. Acc	conventiona	l cor	e will be take	n in th	e_Mo e ni	koni Fo	rmation.	
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f testing ind	icates producti	ive well, 2	2-3/8"	casing will b	e set a	nd com	ented t	o surface.	,
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J ADOUE SPACE DESCRIBE	PROPOSED PROGRAM: If	proposal is to de	epen or i	olug back, give data on	present pro	luctive son	s and propo	sed rew product	tive
one. If proposal is to	drill or deepen direction	ally, give pertine	nt data	on subsurface locations	and measure	d and true	vertical de	piths. Give blow	out
eventer program, if an	у.					3 G ¥		3 2 5 E	—
" 1 C	6.	(-		7 7		2 4 5 1	
SIGNED /	xxx.		TITLE	Drilling Produ	ction S	uper D	·r Jun	• 11: 1969)
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(Space for a car					# 9.	9 3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		a 3 被单	
PERMIT NO.				APPROVAL DATE	•	<u>জ % ক</u>	- 1 3 4		
					11	7 5 5	To View	8818	
APPROVED BY									
			ritle		Ers F		ATH		
CONDITIONS OF APPROV	AL, IF ANY:	a	ritle		Err.				
CONDITIONS OF APPROV	AL, IF ANY:		TITLE		Eric T Cyr Na	1			

T.35S., R. 6 E. OF THE S. L. M.



FEDERAL NO/1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN NE SWINNING, SECTION 13 T.35S, R.GW. OF THE S.L.M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

REF. POINT: NORTH~150.0 FEET ELEV.

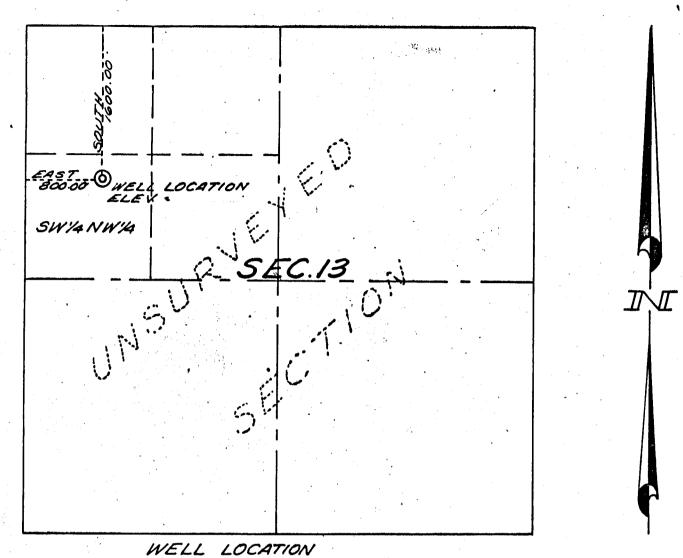
THIS IS TO CERTIFY THAT
THE WELL LOCATION SHOWN
ON THIS PLAT WAS PLOTTED
FROM FIELD NOTES OF
ACTUAL SURVEYS MADE BY
ME OR UNDER MY SUPERVISION AND THAT THE SAME
ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED: TUNE 10, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

BY TOM WALKER CERTIFICATE NO. 1548

T.35S., R. 6-E. OF THE S. L. M.



FEDERAL NO.1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN SWIANWIA, SECTION 13

T.35S, R.GW. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

REF. POINT: NORTH-150.0 FEET ELEV.

REF. POINT: NORTH-300.0 FEET ELEV.

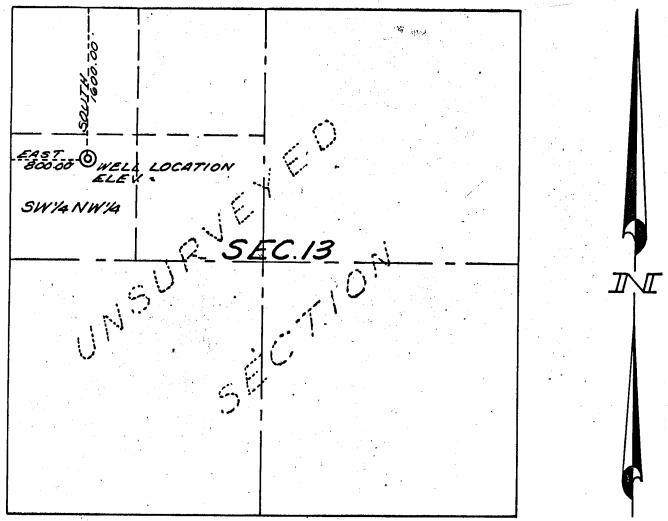
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DATE SURVEYED:

DATE SURVEYED: TUNE 10, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

BY TOM WALKER CERTIFICATE NO 1548

T.355., R. 6 E. OF THE S. L. M.



WELL LOCATION

FEDERAL NO/1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN SWIANWIA, SECTION 13

T.355, R. G W. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

REF. POINT: NORTH~150.0 FEET ELEV.

REF. POINT: NORTH-300.0 FEET ELEV.

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DATE SURVEYED:
TUNE 10, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

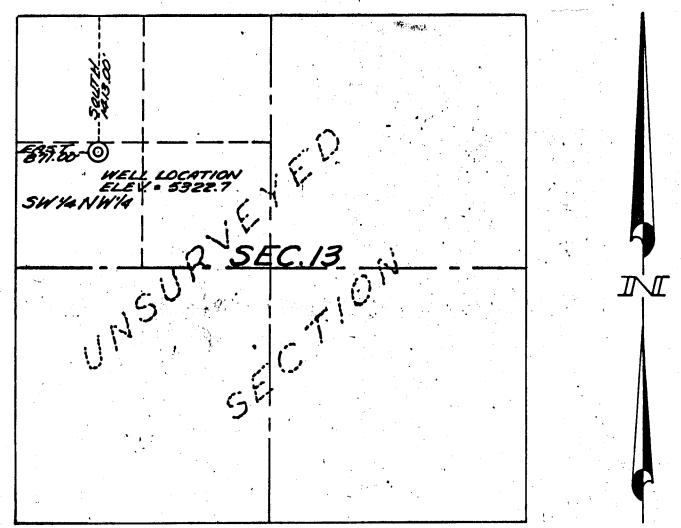
BY TOM WALKER CERTIFICATE NO. 1548

UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND STRIAL NO. 30 E. A USA U-7403 GEOLOGICAL SURVEY I HOLAN ALLOTTER SE TELBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK **∄** & 3 Œ. 1a. TYPE OF WORK AGRUEMENT DRILL A PLUG BACK \square DEEPEN [911 3 90 b. TYPE OF WELL SINGLE MULTIPLE OIL X GAS WELL OTHER 2. NAME OF OPERATOR WEL NO Austral Oil Company, Incorporated COD tor 9 3. ADDRESS OF OPERATOR 10. FIRLD AND POOL 2700 Humble Building, Houston, Texas ictio 4. LOCATION OF WALT (Report location clearly and in accordance with any State requirements.*)
At surface from West line and 1680 from North line, Section 14. P. T., L., M. OR BEAL At proposed prod. zone Same R-6-E, Garfield County, Utah Unorthold Sep 713 - T-35-S, - R-6-E, SLC 12. POENTY OR PARISH | STATE 14. DISTANCE IN MILES AND DIRECTION FROM NEARES **Carticli** Ütah 18 miles Northeast of Escalante, Utah 17. NO OF CACEES ASSESSED 15. DISTANCE FROM PROPOSED* 16. NO. OF ACRES IN LEASE THE WELL LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any) 800' 1280 19. PROPOSED DEPTH 20. ROTARY OF CABLE COOLS 18. DISTANCE FROM PROPOSED LOCATION® eg. o Any and TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 45001 1200 Rotary & WORK WILL STARTS DATE 21. ELEVATIONS (Show whether DF, RT, GR, etc.) approva E Not Available **23**. PROPOSED CASING AND CEMENTING PROGRAM grija. NTITE OF COMBUS SETTING DEPTH WEIGHT PER FOOT SIZE OF CASING SIZE OF HOLE 17 V 301 8-5/8" 1200 4-3/4" 2-3/8 4.7 er re : Ē 816 1.44.1 Drill 8-5/8" hole to approximately 30', set 7" casing and coment full length 4-3/4" hole to 1,200' with air. If hole cannot be drilled with life, water of a light gelled mud will be used. Acconventional core will be taken in the Mognkopi for attor. Evaluation of the well bore will be done by Electrical Surveys and depl style teaming. If testing indicates productive well, 2-3/8" casing will be set and admensed to sufface. 33 P directionally d state office be officed to state to state office be a state of state of state of state of state of state office. anpaedra requirements #cll, the woll, Concerning peen State ż productive IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive sone zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true pertine depths affect blowout preventer program, if any CST H or eb M.G. , c Drilling Production SIGNED intendent g eland deral or State office use) Reede Meede isn'i g gnd ø 43-017-30017 APPROVAL DATE PERMIT NO. Ennor ₩; 7 F andspiiggs most. APPROVED BY CONDITIONS OF APPROVAL, IF ANY: pe of sud sud 800

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T. 35 S., R. 6 E. OF THE S. L. M.



AMENDED MAP OF WELL LOCATION FEDERAL NO.1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN SW'ANW'A, SECTION 13 T.355,R.6 E.OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

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ON THIS PLAT WAS PLOTTED
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ACTUAL SURVEYS MADE BY
ME OR UNDER MY SUPERVISION AND THAT THE SAME
ARE TRUE AND CORRECT
TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE SURVEYED:
JUNE 13, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

REF. POINT: NORTH-150.0 FEET ELEV. 5317.2 CERTIFICATE NO. 1548

REF. POINT: NORTH- 900.0 FEET ELEV. 5316.3

OIL AND GAS CONSERVATION COMMISSION

DESIGNATION OF AGENT

The	undersigned	is, on	record,	the	holder	of	oil	and	gas	lease
-----	-------------	--------	---------	-----	--------	----	-----	-----	-----	-------

Federal LEASE NAME:

U.S.A. 7400 - 7401 - 7402 - 7403 - 7404. LEASE NUMBER:

Also State Lease Nos. ML 25974 and ML 25975

and hereby designates

NAME:

C. R. Geffs

ADDRESS:

2700 Humble Bldg., Houston, Texas 77002

as his (agent-operator), with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the Oil and Gas Supervisor or his representative may serve written or oral instructions in securing compliance with the Rules and Regulations and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah with respect to (describe acreage to which this designation is applicable):

Located in: T-35-S, R-6-E SLC

Sections 2,3,10,11,12,13,14,15,16,17,20,21,22,27,28 and N/2 of 33.

Containing 9,920 acres, more or less.

It is understood that this designation of (agent-operator) does not relieve the lessee of responsibility for compliance with the terms of the lease and the Rules and Regulations and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah It is also understood that this designation of operator or agent does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated (agent-operator), the lessee will make full and prompt compliance with all regulations, lease terms or orders of the Oil and Gas Conservation Commission of the State of Utah or its authorized representative.

The lessee agrees promptly to notify the Oil and Gas Supervisor of any change in this designation.

Effective Date of Designation June 11 1969

Address 2700 Humble Bldg. Houston Texas 77002

Title Asst. Drilling and Production Sunt.

Company Austral Oil Company Incorporated

R. Copeland, V.P. Drilling & Production Supt.

Scarrow and Walker, Inc.

ROBERT D. SCARROW L.S. PRES. & MGR. TOM WALKER L.S. ROBERT A. WAMSLEY L.S. JEAN COLE L.S. ROBERT L. LONGFELLOW P. E. Reg. Land Surveyors and Engineers Box 460 Glenwood Springs, Colo. 81601

ELECTROTAPE
CLARY COMPUTER
WILD THEODOLITE
ZIESS LEVEL
INSTRUMENT RENTALS

June 13, 1969

U. S. Geological Survey Room 8416 - Federal Building Salt Lake City, Utah 84111

Attn: Mr. Frank Salwerowicz

Due to an error in original survey of Location #1-13, location had to be moved as shown on the amended plat enclosed herewith.

SCARROW AND WALKER, INC.

State of Utah

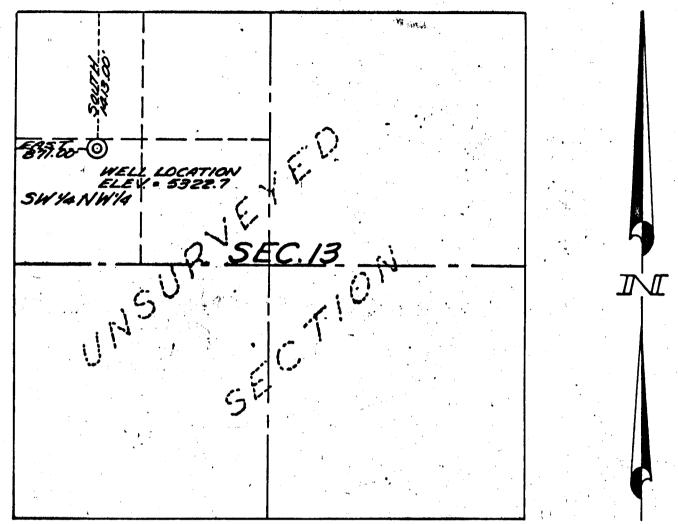
Copies to:

Bureau of Land Management Office Kanab, Utah 84741 Attn: Mr. Fred Howard

Oil & Gas Conservation Service 1588 West North Temple Salt Lake City, Utah 84111

Austral Oil Company 2700 Humble Building Houston, Texas 77002 Attn: Mr. Buddy Jeffs

T. 35 S., R. 6 E. OF THE S. L. M.



AMENDED MAP OF FEOERAL NO. 1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN SWANWA, SECTION 13

T.355, R. G E. OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

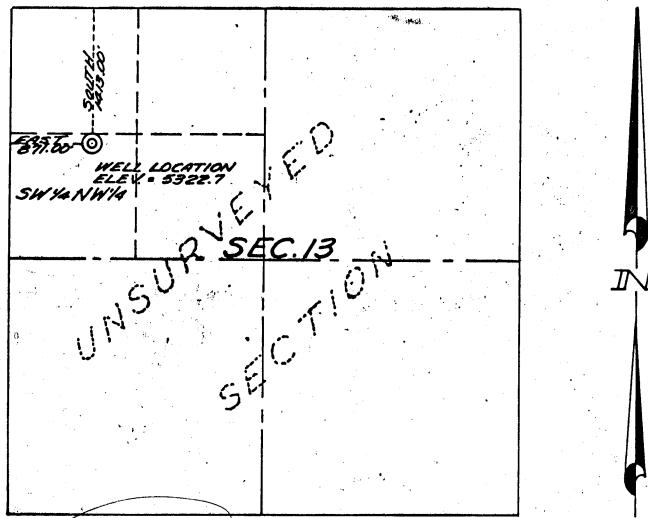
THIS IS TO CERTIFY THAT THE WELL LOCATION SHOWN ON THIS PLAT WAS PLOTTED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPER-VISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOW-LEDGE AND BELIEF. DATE SURVEYED

JUNE 13, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

BY TOM WALKER REF. POINT: NORTH-150.0 FEET ELEV. 5317.2 CERTIFICATE NO. 1548 REF. POINT: NORTH-300.0 FEET ELEV. 5316.3

T. 35 S., R. 6 E. OF THE S. L. M.



AMENDED) MAP OF
WELL LOCATION
FEOERAL NO. 1-13

AUSTRAL OIL COMPANY HOUSTON TEXAS

SITUATED IN SWMNWM, SECTION 13 T.355,R.6 E.OF THE S. L. M.

GARFIELD COUNTY UTAH

SCALE I INCH . 1000 FEET

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DATE SURVEYED:
JUNE 13, 1969

SCARROW & WALKER INC. REGISTERED LAND SURVEYORS GLENWOOD SPRINGS, COLORADO

REF. POINT: NORTH-150.0 FEET ELEV. 53/7.2 CERTIFICATE NO. 1548

REF. POINT: NORTH-900.0 FEET ELEV. 53/6.3

Form approved. Budget Bureau No. 42-R1421

__NITED STATES DEPARTMENT OF THE INTERIOR

(Other ins' ions on revers e) 5. LEASE DESIGNATION AND SERIAL NO. UCA 11 7403

	GEOLO	SICAL SURVI	ΞY			USA U-7403	
APPLICATION	I FOR PERMIT T	O DRILL, [DEEPE	N, OR PLUC	BACK	6. IF INDIAN, ALLOTTER	OR TRIBE NAME
1a. TYPE OF WORK		_				7. UNIT AGREEMENT N	AME
	LL 🛚 -	DEEPEN [PLUG E	BACK 🗌		
b. TYPE OF WELL OIL GA					LTIPLE	8. FARM OR LEASE NAM	4E
WELL X WI	ELL OTHER		20	NE L ZON		Federal	
	ompany, Incorpo	rated				9. WELL NO.	3 to 3
3. ADDRESS OF OPERATOR	outharry incorpo	1400				2-13	
2700 Humble B	uilding. Housto	n, Texas				10. FIELD AND POOL, O	R WILDCAT
A + =	uilding, Housto					Wildcat	v * :
871' f	rom West line a	nd 1413' fr	ron N	orth line, S	ection [11. SEC., T., R., M., OR I	BLK.
At proposed prod. Zon	35-S, R-6-E, Ga	rfield Cou	ity,	Utan	100 200 200	G 117 TO 75 C	D C D CI
Same						Sec. 13, T-35-S	
	AND DIRECTION FROM NEAR		T OFFIC	a. •	:		_
18 miles Nort	heast of Escala	nte, Utah	1 16 No	OF ACRES IN LEASE	1 17. No.	Garfield of ACRES ASSIGNED	Utah
15. DISTANCE FROM PROPO LOCATION TO NEAREST PROPERTY OR LEASE L			10			THIS WELL 160	•
(Also to nearest drig	g. unit line, if any)	1'	19 PI	1230	20. ROT	ARY OR CABLE TOOLS	
18. DISTANCE FROM PROP- TO NEAREST WELL, DI OR APPLIED FOR, ON THI	RILLING, COMPLETED.	100 1		1200		Rotary	
21. ELEVATIONS (Show who			<u> </u>	1200	<u> </u>	22. APPROX. DATE WO	DEK WILL START*
GR 5322.7'					-	on approv	al -
23.		PROPOSED CASI	NG AN	D CEMENTING PRO	OGRAM		
OTTO AN MOLE	SIZE OF CASING	WEIGHT PER F		SETTING DEPTH		QUANTITY OF CEMES	NT
SIZE OF HOLE	7	17		90' (3 its		20 sks.	
8-5/3" 4-3/4"	2-3/3	4.7		1200		10 sks.	
4-3/4	2-3/0						
		Ì		} _			
1-6" Series 9	000 QRC				-	r Paga (1887)	
	-						
Drill 8-5/8"	hole to approxi	mately 90'	, set	7" casing a	ind cemen	t full length.	Urill
4-3/4" hole t	o 1,200' with a	ir. If ho	le ca	unnot be dril	led with	air, water or	a light
gelled mud wi	11 be used. A	convention	al co	re will be t	aken in	and drill stem	testing
Evaluation of	the well bore dicates product	will be do	ne oy o z/s	M cocing wil	Surveys,	and drill scome	o surface.
if testing in	idicates product	Ive well,	2-3/	o casing will	11 00 300		
							병종회
•							에 발표 주 항문 및
					-		- ^ 유럽 문학
	8						
					•	直原 医乳质多色点质	불러추 나 !
IN ABOVE SPACE DESCRIBI	E PROPOSED PROGRAM: If drill or deepen directions	proposal is to dee	pen or	plug back, give data on subsurface locatio	on present proms and measur	oductive zone and propose red and true vertical dept	ed new productive hs. Give blowout
preventer program, in an	ly.	any, give pertiner	it data	ou substitute rotatio			4 fee
24.	\sim $_{1}$			_			
BIGNED	many	T	TLE Dr	illing & Proc	l. Superi	ntendent June	16, 1969
R. Cone	call (i						
. (This space for Fede	eral or state omce use				-		경칭활
PERMIT NO.				APPROVAL DATE		<u>ar en 11. en en ar Anagori</u> Storre de la architectura	7
	•				,		1년 출발 - 중 교육
APPROVED BY	VAT TE ANY	T	TLE			DATE	1.23
CONDITIONS OF APPRO	VAL, IF AN I .					# # ## ## 글까 싫어 설 #	
				•		<u>a</u> a s s	.គិត

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

PERMIT NO. _

APPROVED BY

LUBMIT IN TRIPLICATE* (Other inst ons on

Form approved. Budget Burcau No. 42-R14:

		ED STATES		rever	rse)	
	DEPARTMENT					5. LEASE DESIGNATION AND SERIAL NO.
	GEOLOG	ICAL SURV	EY			USA U-7403 2 3 3
APPLICATION	V FOR PERMIT T	O DRILL,	DEEPEN, C	OR PLUC	G BACK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1a. TYPE OF WORK	577	D == D=\ (DI IIC	DACK [7. UNIT AGREEMENT NAME
	ILL 🛛	DEEPEN		PLUG	BACK 🗌	
b. Type of Well.	AS []	•	SINGLE [JLTIPLE []	S. FARM OR LEASE NAME
WELL X W	ELL OTHER		ZONE L	zo:	NE L	
	T				 2	9. WELL NO.
AUSTRAL ()11 (Company, Incorpor	rated				2-13
		The same			9.	10. FIELD AND POOL, OR WILDCAT
4 LOCATION OF WELL (R	Guilding, Houston eport location clearly and	n accordance wi	th any State rec	uirements.*)	· · · · · · · · · · · · · · · · · · ·	
At surface						Wildcat 11. SEC., T., R., M., OR BLK.
8/1' J 15 T.	From West line at 135-S, R-6-E, Gai	efield Cou	ntv litah	Tine, 5	SECTION	AND SURVEY OR AREA.
_		111010 000	ney, ocur		<u>.</u> .	Sec. 13,T-35-S, R-6-E, SLC
Same Same	AND DIRECTION FROM NEAR	ST TOWN OR POS	T OFFICE*		2.1	12. COUNTY OR PARISH 13. STATE
		_				Garfield Utah
15. DISTANCE FROM PROPO	theast of Escalar	ice, ocan	16. NO. OF AC	RES IN LEAS		OF ACRES ASSIGNED
LOCATION TO NEARES' PROPERTY OR LEASE I	r	i ŧ	, ₁ ,	280	тот	HIS WELL
(Also to nearest drights, DISTANCE FROM PROI	g. unit line, if any) 0/.	r .	19. PROPOSED		20. ROTA	BY OR CABLE TOOLS
	RILLING. COMPLETED.	001	1	200		Rotary
21. ELEVATIONS (Show wh			1	.00	!	22. APPROX. DATE WORK WILL START*
GR 5322.7'	conc. 22, 112, 011, 010,					on approval
23.	n	ROPOSED CASI	NC AND CEME	NTING DR	OGRAM	
	1					OLIVIMINA OR CENTERIA
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER F		TTING DEPTH		QUANTITY OF CEMENT
8-5/3"	7	<u> </u>		1/(3 its		20 slts.
4-3/4"	2-3/8	4.7		<u> </u>		0 sks.
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	xilder	1	Drillin	g & Prog	d. Superi	itendent June 16, 1969

June 16, 1969

Austral Oil Company Incorporated 2700 Humble Building Houston, Texas 77002

> Re: Well No's. Federal #1-12 & #2-13 Sec's. 12 & 13, T. 35 S, R. 6 E, Garfield County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells on said unorthodox locations is hereby granted in accordance with Rule C-3(c). fee /-12 crell

Should you determine that it will be necessary to plug and abandon these wells, you are hereby requested to immediately notify the following:

PAUL W. BURCEELL - Chief Petroleum Engineer HOME: 277-2890 - Salt Lake City OFFICE: 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

Austral Oil Company Incorporated June 16, 1969
Page 2

The API numbers assigned to these wells are: Federal #1-12, 43-017-30016, Federal 2-13, 43-017-30017, (see Bulletin D-12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT DIRECTOR

CBF: sd Enclosures

cc: U.S. Geological Survey
Rod Smith

Branch of Oil and Gas Operations 8416 Federal Building Salt Lake City, Utah, 84111

June 16, 1969

Austral Oil Company 2700 Humble Building Travis at Bell Heuston, Texas 77002

Attention: Roy Copeland

Centlemen:

As discussed with Rd Davis of your office on this date, I have given verbal approval of the drilling of your two wells, well 1-12, SEk sec. 12, and well 2-13, NMk sec. 13, both in T. 35 S., R. 6 E., Garfield County, Utah, on lease Utak 7403. My approval is subject to certain conditions and your furnishing additional information as follows:

- 1. Since both wells are closer than 200' to the secret subdivision (see 30 CFR 221.20, copy enclosed), you are requested to furnish a stipulation for each well in triplicate stating that you will not separate the adjacent 40-ears subdivisions by assignment so long as the well is in existence. Copies of the stipulation form are enclosed.
- Submit revised paymits showing revised locations as uncersary, additional surface pipe and blowest preventor program. A minimum of two 30' joints of surface pipe command to surface and adequate blowest prevention equipment are required.

I also discussed the necessity of determining whether the hydrocarbons encountered are in liquid form so opposed to solid or semi-solid before we can approve any heat treatment or other sytifical stimulation for recovery under the oil and gas lesse. In this request, it is requested that we be notified in advance of soring operations so that one of our engineers can be present when the core is pulled. I am employing eards with office and home phone numbers for my semiotant and sysulf.

k

If you have any questions regarding any of the above, please contact this office.

10

Sincerely yours,

. .

(ORIG. SGD.) R. A. SMITH

Rodney A. Smith, District Engineer

Attachments

cc: State O&G CC

your somegate.

7 ...

Form 9-331 (May 1963) [UNITED STATES DEPARTI 'T OF THE INTER	SUBMIT IN TRIPLICATE® (Other instructions on reverse side)	Form approved. Budget Bureau N 5. LEASE DESIGNATION AND	
	GEOLOGICAL SURVEY	· · · · · · · · · · · · · · · · · · ·	USA U-7403	
	RY NOTICES AND REPORTS m for proposals to drill or to deepen or plug se "APPLICATION FOR PERMIT—" for such p		6. IF INDIAN, ALLOTTEE OR	IKAÑ BBIRT
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WELL WELL 4	other Drilling		8. FARM OR LEASE NAME	
	mpany Incorporated		Federal	
3. ADDRESS OF OPERATOR			9. WELL NO.	
2700 Humble Bu	ilding, Houston, Texas 770 ort location clearly and in accordance with any	02	2-13 10. FIELD AND POOL, OR W.	ILDCAT
See also space 17 below. At surface	9 871' from West line and l	413 from North line.	Wildcat	
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At total depth	Same	T DN GD (da)	Sec. 13, T-35-S	R-6-E S
14. PERMIT NO.	GR 5322.7	r, st, gs, etc.)	Garfield	Utah
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	Check Appropriate Box To Indicate 1		UENT REPORT OF:	
NOT	ICE OF INTENTION TO:		· ·	
TEST WATER SHUT-OFF	PULL OR ALTER CASING	WATER SHUT-OFF FRACTURE TREATMENT	REPAIRING WELL	
FRACTURE TREAT SHOOT OR ACIDIZE	MULTIPLE COMPLETE ABANDON*	SHOOTING OR ACIDIZING	ABANDON MENT*	
BEPAIR WELL	CHANGE PLANS	(Other)		
(Other)		Completion or Recomp	s of multiple completion on detion Report and Log form.))
17. DESCRIBE PROPOSED OR CO proposed work. If we nent to this work.) *	MPLETED OPERATIONS (Clearly state all pertine ell is directionally drilled, give subsurface local	nt details, and give pertinent dates, ations and measured and true vertice	including estimated date of al depths for all markers an	f starting any address of the starting and some specific and some specific and some starting and some starting and some specific and some starting and some
To	change total permitted dep	oth to be 2,200'.		
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	OIL & GAS CONSERVAT	ION		ā Ž
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	DATE 15-69	· ·······		1.
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SIGNED D	offoregoing is true and correct	Ass't Vice President	DATE Sept. 12	2, 1969
(This space for Federal	or State office use)	•		
APPROVED BY			DATE	• .
CONDITIONS OF APPI				

ocherch

AUSTRAL OIL COMPANY INCORPORATED

(713) 228-9461 cable-AUSTROIL

2700 Humble Building

Houston, Texas 77002

September 15, 1969

United States Department of Interior Geological Survey 8416 Federal Building 125 South State Street Salt Lake City, Utah 84111 ATTENTION: Mr. Frank A. Salwerowic

State of Utah Oil & Gas Conservation Commission 348 South Temple Suite 310 Salt Lake City, Utah 84111

Re: Federal Well #2-13

Wildcat

Garfield County, Utah

DB 69-24

Gentlemen:

I am enclosing an original and two (2) copies of Form 9-331 for the change in total depth for our Federal Well #2-13 located in Garfield County, Utah.

If additional information is required, please advise.

Yours very truly,

D. D. Delaney

Chief Production Clerk

DDD: eac Enclosures

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Blome Have Austral O. 99 safre Carry 989 T.D. 4525 -(1) 30 mb = 340 on bottom to 642 (3) 30 sh at bre of freje = 50 en fort (3) 20/ 10 sh/morter / mud oft Intpluy 34 some unter " Moenhopi 895 startet, Carry 9 ich 2 960 Lead asphoold my of my K 2 miles after long conjen -> 12 miles getfie's PMB - 9/10/10 JUB - 9/19/69

Varie Cox

WM. M. BRODRICK

Geological Engineer

1022 Midland Savings Building Denver, Colorado 80202 534-3951 W

September 26, 1969

Austral Oil Company 2700 Humble Building Houston, Texas 77002

Re: Geological Report

Austral Oil Company Federal (6924) #2-13 SW N. Sec. 13 - T.35S - R.6E Garfield County, Utah

Gentlemen:

The subject well was spudded on September 13, 1969 and was completed as a dry hole on September 20, 1969. I was present and on location for the examination and evaluation of samples from the surface to 989' T.D. The well was drilled with air from the surface to 969'. From 969' to 989' the hole was drilled without circulation and returns, and at 989' the well was abandoned in the Kaibab formation.

The following formation tops were encountered:

Elevation	5323 Gr., 5328 R.B.
Chinle Shinarump	50 (+5278) 372 (+4956)
Moenkopi Red Beds Sandstone Asphaltic Dolo. Kaibab	564 (+4764) 730 (+4598) 875 (+4453) 950 (+4378)
Total Depth	989

The above formation tops are corrected to Dresser Atlas log measurements.

The Federal #2-13 was drilled on a postulated stratigraphic trap, located on the southwest flank of the Circle Cliffs Anticline. It was the second of a two-well program to evaluate the prospect, and was drilled approximately one mile southwest and downdip from the first well (Federal #1-12). The primary objective was the Moenkopi sandstone, which at the outcrop, approximately two miles to the east and updip, is impregnated with asphalt. (U.S.G.S. Bulletin #1229).

The first well, the Federal #1-12, encountered the asphaltic formation from 655' to 780', but was a gray tight dolomite instead of

sandstone. It contained poor to fair, spotted to streaked asphaltic stain and residue. (See Geological Report-Fed. #1-12). In the Federal #2-13, this formation was encountered at 875' to 950'. It was a gray-green crystalline dolomite, with poor porosity. The top 15' had only a very slight show of asphalt. The next 55' was cored, which recovered gray-green dense dolomite with no shows whatsoever.

Structurally, the Federal #2-13 was 212' lower than the Federal #1-12 on the Shinarump, 212' lower on the Moenkopi Sand, and 214' lower on the Kaibab. This is approximately the regional dip in the area.

The following zones of porosity and/or shows of oil were observed in the Shinarump formation.

372' - 490' Sandstone, white to light gray, fine to medium-grained. Angular to sub-rounded. Tight. No shows. Samples mostly free sand grains. No fluid entry in hole while drilling.

The following zones of porosity and/or shows of oil were observed in the Moenkopi formation.

- 766' 775' Sandstone, white to yellow, medium-grained.

 Light. No show. (The Gamma-ray Neutron log indicates sandstone or carbonate rock from 730' to 766', but none was observed in the samples.) There was no fluid entry in hole while drilling.
- 875' 890' Dolomite, light green to gray finely crystalline to dense. Very slight show of asphalt. No fluorescence, slight cut.
- 895' 937'

 Dolomite, green-gray finely crystalline, pyritic, and micaceous. Slightly sandy, in part. Tight. No shows, no fluorescence or cut. (See attached core analysis.) No fluid entry while drilling hole.
- 937' 946' Sandstone, light gray, medium-grained, angular. Tight. No shows. (See attached core analysis.)

-3-

The following zones of porosity and/or shows of all were observed in the Kaibab formation.

9551 - 9611

Dolomite, white, finely crystalline. Much disseminated black asphalt or gilsonite. Appears tight. No fluorescence, fair cut. (See attached core analysis.) No fluid

entry in hole while drilling.

961' - 965'

Dolomite, white, finely crystalline, chalky. No shows. Fair intercrystalline porosity. Some vugular porosity. (See attached core analysis.) No fluid entry in hole while drilling.

As indicated by sample evaluation, core analysis, and as there was no fluid or gas entry in the hole while drilling with air, there are no commercial oil or gas-producing zones, and it was recommended that the test be plugged and abandoned.

Very truly yours,

1 M. Bredrich Wm. M. Brodrick Geological Engineer

WMB:ar

ED STATES U

ATE* SUBMIT IN TRII

Form approved. Budget Bureau No. 42-R1424.

DEPART	MENT OF THE INTER	IOR (Other Instruction of re	5. LEASE DESIGNAT	TION AND SERIAL NO.
	GEOLOGICAL SURVEY		DEA U-740	
SUNDRY NOT	Sals to drill or to deepen or plug bation FOR PERMIT—" for such p	ON WELLS back to a different reservoir. proposals.)	6. IF INDIAN, ALEA	OTTER OR TRIBE NAME
OIL GAS	Wildcat		7. UNIT AGREEMEN	MAN T
WELL WELL OTHER 2. NAME OF OPERATOR			8. FARM OR LEASE	E NAME
Austral Oil Company In	eceporated		Pederal	ု သည် လ ႏွင်းရာ ကြ
3. ADDRESS OF OPERATOR 2700 lamble Building,	licuston, Texas 7700	2	9. WELL NO.	
4. LOCATION OF WELL (Report location See also space 17 below.)	clearly and in accordance with any	State requirements.	10. FIEDD AND PO	OL, OR WIDDCAT
At top prod. interval			SEC., I., B., M., BURVEY, OR	18-15-6, R-6-1
At total depth	15. ELEVATIONS (Show whether DE	P PT (P etc.)	12, COUNTY OR PA	
14. PERMIT NO.	5322.7° (3R	r, RI, GR, EGG.	Carfield	Utah
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REPAIR WELL (Other)	CHANGE PLANS	(Other)(Note: Report regul	ts of multiple completion Report and L	etion off Well
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Spotted 15 ex -	Ideal, G. 3% CaCl 2	cement 145*-55*.		
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18. I hereby certify that the foregoing is true and correct	Asst. V	doe Pros., Drilli botion Supt.	DATE	10-	3-6
(This space for Federal or State office use)				39 , •	
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Form 9-330 (Rev. 5-68)	_	<u> </u>				, G	
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	Dil Company In	comove+	ഹി		3	9: Whiling.	
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2700 Humb	le Building,	Houston.	Texas 770	002	5	2-13 10. Field and P	OOL. OR WILDCAT
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9-14-69	9-18-69	9-2	0-69 P.A.		322.7' GR		
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28.				port all strings ses t	n well)		
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29.	TIN	ER RECORD	·	6 23			
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					TACA BES		
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33.*			PRO	DUCTION 2 3			
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LOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RAT	OIL—BBL.	GAS—MCR		в—ввр.	RAVITY API (COUR.)
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86. I hereby certify	that the foregoing an	d attached in	formation is comp	lete and correct as	determined from	n all available records	TO A SECTION
	Yni Va	2	Д ХВ1	st. Vice Pre Prod. Supt.	d. Drill	ing de la	· 마모품(1941 #
SIGNED //			<pre>TITLE</pre>	EALTHOUGH CONTRACT	X. I	DATE IN	ੂ ਮੁਤਾਪਤਾ ≥ 2 5 6

NSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal

or Federal office for specific instructions.

Hem 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Hems 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 38. Submit a separate report (page) on this form, adequately identified, for each additional data pertinent to such interval.

Hem 29: "Sacks Committer, Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Hem 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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MMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES	DESCRIPTION, CONTENTS, ETC.		
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RTANT ZONES: TESTED, CUSHION	TOP		Andrew Table (1995) and the second of the se
37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF DEPTH INTERVAL TESTED, CUSH	FORMATION	**	

October 9, 1969

Austral Oil Company Incorporated 2700 Humble Building Houston, Texas 77002

Re: Well No's. Federal #1-12, Sec. 12, T. 35 S., R. 6 E., and Federal #2-13, Sec. 13, T. 35 S., R. 6 E., Garfield County, Utah.

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs and the Report of Water Encountered during Drilling for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

It would be appreciated if you would complete the enclosed forms and forward them to this office as soon as possible.

Thank you for your cooperation with regarddto this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

ANNETTE R. HANSEN SECRETARY

arh

Enclosures

January 12, 1970

Austral Oil Company 2700 Humble Building Houston, Texas 77002

> Re: Well No's. Austral Federal #1-12 & 2-13, Sec. 12 & 13, T. 35 S, R. 6 E, Garfield County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned well are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON RECORDS CLERK